

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5751980

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF THE SECURITY INTEREST RECORDED AT REEL/FRAME 037559/0116	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
ROYAL BANK OF CANADA		09/27/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	DOMINION VOTING SYSTEMS INC.	
<b>Street Address:</b>	215 SPADINA AVENUE, SUITE 200	
<b>City:</b>	TORONTO	
<b>State/Country:</b>	ONTARIO	
<b>Postal Code:</b>	M5T2C7	
<b>PROPERTY NUMBERS Total: 23</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	8844813	
Patent Number:	8913787	
Patent Number:	9202113	
Patent Number:	8195505	
Application Number:	13463536	
Application Number:	13525187	
Application Number:	13525208	
Patent Number:	7111782	
Patent Number:	7422151	
Patent Number:	D599131	
Patent Number:	D521050	
Patent Number:	D515619	
Patent Number:	D537469	
Patent Number:	8714450	
Patent Number:	8910865	
Patent Number:	8864026	
Patent Number:	8876002	
Patent Number:	5635726	
Patent Number:	6194698	
Patent Number:	5248872	

PATENT

Property Type	Number
Patent Number:	D378173
Patent Number:	D319459
Patent Number:	D312251

**CORRESPONDENCE DATA**

**Fax Number:** (312)862-2200

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

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<b>ATTORNEY DOCKET NUMBER:</b>	17271-12 RMP
<b>NAME OF SUBMITTER:</b>	RENEE M. PRESCAN
<b>SIGNATURE:</b>	/Renee M. Prescan/
<b>DATE SIGNED:</b>	10/03/2019

**Total Attachments: 4**

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## **TERMINATION AND RELEASE OF PATENT COLLATERAL AGREEMENT**

**THIS TERMINATION AND RELEASE OF PATENT COLLATERAL AGREEMENT** (this "Termination"), is dated as of September 27, 2019, and made by Royal Bank of Canada ("Bank") to Dominion Voting Systems Inc., a Delaware corporation ("Debtor").

WHEREAS, reference is made to that certain U.S. Guaranty and Collateral Agreement dated December 23, 2015 (as amended, restated, supplemented, modified or otherwise changed from time to time the "Security Agreement"), among Debtor and Bank;

WHEREAS, pursuant to that certain Patent Security Agreement dated as of January 21, 2016, made by Debtor in favor of Bank (the "Collateral Agreement"), a security interest was granted by the Debtor to Bank in certain collateral, including the Patents (as hereinafter defined);

WHEREAS, the Collateral Agreement was recorded in the Patent Division of the United States Patent and Trademark Office on January 22, 2016 at Reel 037559 and Frame 0116;

WHEREAS, the Debtor has paid all its outstanding obligations to Bank under the Security Agreement; and

WHEREAS, Debtor has requested that Bank, and Bank has agreed to, terminate and release the Collateral Agreement;

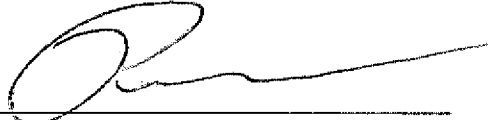
NOW, THEREFORE, for good and valuable consideration including the satisfaction of all obligations, indebtedness and liabilities secured pursuant to the Collateral Agreement, the receipt and adequacy of which are hereby acknowledged, and upon the terms set forth in this Termination, Bank hereby states as follows:

1. Definitions. The term "Patents", as used herein, shall mean all of Debtor's right, title and interest of every kind and nature as of the date hereof in the patents listed on Schedule A hereto.
2. Release of Security Interest. Bank hereby terminates the Collateral Agreement and terminates, releases and discharges its security interest in the Patents and reassigns to the person or persons legally entitled thereto all right, title and interest of Bank in the Patents.
3. Representations and Warranties. Bank represents and warrants that: (i) it has the full power and authority to execute this Termination; and (ii) it has not assigned, transferred, restricted or otherwise encumbered its rights under the Collateral Agreement.
4. Further Assurances. Bank hereby agrees, at the expense of Debtor, to duly execute, acknowledge, procure and deliver any further documents and to do such other acts as may be reasonably necessary to effect the release contemplated hereby.

*[Remainder of page intentionally blank; signature page follows]*

IN WITNESS WHEREOF, Bank has caused this Termination to be executed as of the date first written above.

ROYAL BANK OF CANADA, as Bank

By: 

Name: Peter McArthur

Title: Senior Account Manager

**Schedule A**

**U.S. PATENT NUMBERS**

<b>Title</b>	<b>COUNTRY</b>	<b>SERIAL</b>	<b>FILED DATE</b>	<b>PATENT NO.</b>
Electronic Correction of Voter-Marked Paper Ballot	US	13/476,836	5/21/2012	8,844,813
Ballot Adjudication in Voting Systems Utilizing Ballot Images	US	13/470,091	5/11/2012	8,913,787
Ballot Adjudication in Voting systems Utilizing Ballot Images	US	14/539,684	11/12/2014	9,202,113
System, Method and Computer Program for Vote Tabulation with an Electronic Audit Trail	US	11/121,997	5/5/2005	8,195,505
System, Method and Computer program for Vote Tabulation with an Electronic Audit Trail	US	13/463,536	5/3/2012	
System, Method and Computer Program for Vote Tabulation with an Electronic Audit Trail	US	13/525,187	6/15/2012	
System, Method and Computer Program for Vote Tabulation with an Electronic audit Trail	US	13/525,208	6/15/2012	
Systems and Methods for Providing Security in a Voting Machine	US	10/811,969	3/30/2004	7,111,782
Systems and Methods for Providing Security in a Voting Machine	US	11/526,028	9/25/2006	7,422,151
Voting Booth	US	29/324,281	9/10/2008	D599,131
Voting Terminal and Stand	US	29/209,554	7/15/2004	D521,050
Pair of Enclosure Doors	US	29/209,579	7/15/2004	D515,619
Voting Terminal	US	29/209,556	7/15/2004	D521,051
Voting Terminal and Keypad	US	29/254,483	2/23/2006	D537,469
Systems and Methods for Transactional Ballot Processing, and Ballot Auditing	US	13/092,600	4/22/2011	8,714,450
Ballot Level Security Features for Optical Scan Voting Machine Capable of Ballot Image Processing, Secure Ballot Printing, and Ballot Layout Authentication and Verification	US	13/092,599	4/22/2011	8,910,865
Ballot Image Processing System and Method for Voting Machines	US	13/092,606	4/22/2011	8,864,026

<b>Title</b>	<b>COUNTRY</b>	<b>SERIAL</b>	<b>FILED DATE</b>	<b>PATENT NO.</b>
Systems for Configuring Voting Machines, Docking Device for Voting Machines, Warehouse Support and Asset Tracking of Voting Machines	US	13/092,604	4/22/2011	8,876,002
Electro-Optical Sensor for Marks on a Sheet	US	08/545,298	10/19/1995	5,635,726
Electro-Optical Sensor Circuitry	US	08/748,562	11/13/1996	6,194,698
Device for Optically Reading Marked Ballots Using Infrared and Red Emitters	US	07/740,808	8/6/1991	5,248,872
Systems and Methods for Providing Security in a Voting Machine	US	10/811,969	3/30/2004	7,111,782
Voting Booth	US	29/051,389	3/8/1996	D378,173
Voting Machine	US	07238933	8/31/1988	D319459
Memory Cartridge for Electronic Voting System	US	07240558	8/31/1988	D312251